

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 60929

July 27, 2010 8:35:45 AM



Page 2

Item ID: D2195-2

Accept



Setup Start



Revision ID:

Stop



Item Name: Bracket

Start Date: 7/27/10

Start Qty: 4.00



Cust Item ID:

Required Date: 7/30/10

Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Brake NC

Brake NC

NC BRAKE

Memo

Bend as per dwg D2195

0.00

0.00

SN 10107/28

(4)

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

S 10102/28

(14)

2

150



Packaging

Packaging

Identify as per dwg & Stock Location: 008

Memo

0.00

0.00

10107/28 (4)

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 60929

July 27, 2010 8:35:46 AM



Page 3

Item ID: D2195-2

Accept



Setup Start



Revision ID:

Stop



Item Name: Bracket

Start Date: 7/27/10

Start Qty: 4.00



Cust Item ID:

Required Date: 7/30/10

Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/07/29 *[Signature]*
10-728
(4)

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

July 27, 2010 8:35:44 AM

Page 1

Work Order ID: 60929

Parent Item: D2195-2

Parent Item Name: Bracket



Start Date: 7/27/10

Required Date: 7/30/10

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 08-07-24 new issue ec verified by:dd
IPP Rev:B 09-01-28 rev.d as per dwg DD verified by:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

M304S16GA

Purchased

No

100

sf

19.8267

0.211

0.888421

1.1

1310-7-27



304/316 Sheet .063

Location

Loc Qty

Loc Code

MAT

19.82669474

111323

0

114799

19.8266947

114799



| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| | | |
|------------------------------|--|-----------------------|
| DART AEROSPACE LTD | | Work Order: 60929 |
| Description: BRACKET | | Part Number: D 2195-2 |
| Inspection Dwg: D2195 Rev: D | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|---------------|------------------|--------|--------|----------------------|----------|
| Ø .128 | + .005 - .001 | .131 | x | | ✓ 18.02 | |
| Ø .203 | + .005 - .001 | .205 | x | | ✓ | |
| Ø .257 | + .006 - .001 | .260 | x | | ✓ | |
| .375 | ± .010 | .375 | x | | ✓ | |
| 1.200 | ± .010 | 1.202 | x | | ✓ | |
| 2.390 | ± .010 | 2.390 | x | | ✓ | |
| 5.890 | ± .010 | 5.890 | x | | ✓ | |
| 7.090 | ± .010 | 7.092 | x | | ✓ | |
| 7.590 | ± .010 | 7.595 | x | | ✓ | |
| 4.140 | ± .010 | 4.142 | x | | ✓ | |
| 1.336 | ± .010 | .333 | x | | ✓ | |
| 1.273 | ± .010 | 1.275 | x | | ✓ | |
| 2.211 | ± .010 | 2.209 | x | | ✓ | |
| 3.149 | ± .010 | 3.149 | x | | ✓ | |
| 3.524 | ± .010 | 3.522 | x | | ✓ | |
| .063 | ± .010 | .060 | x | | ✓ | |
| | | | | | | |
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|-----------------|----------------|-------------------------|
| Measured by: IB | Audited by: S | Prototype Approval: N/A |
| Date: 10-7-07 | Date: 10/07/08 | Date: N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|------|-----------|------------|----------|
| A | | New Issue | KJ/JLM | |

| ITEM No. | QTY | PART NUMBER | DESCRIPTION |
|----------|-----|---------------|------------------|
| 1 | X | D2195 | BRACKET ASSEMBLY |
| 7 | 1 | D2195-1 | BRACKET |
| 8 | 1 | D2195-2 | BRACKET |
| 9 | 1 | D2195-3 | SPACER |
| 15 | 6 | MS20470AD4-14 | RIVET |

WLO 60929

RELEASED
09/01/13

NOTES:

- 1) MATERIAL:
- 2) FINISH: POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D2195" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 1.26 lbs

| | | | |
|------------|--------------------------------|---|--------------|
| D | RE-DESIGN. REF NCR 08-110. | AJS | 08.11.25 |
| C | REDRAW; D2195-3 NOW 0.5" THICK | CP | 03.05.28 |
| B | RE-DESIGN | JB | 93.09.23 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | JB | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | AJS | | |
| CHECKED | | DRAWING NO. | REV. D |
| MFG. APPR. | | D2195 | SHEET 1 OF 3 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BRACKET | NTS |
| DATE | 08.11.25 | COPYRIGHT © 1993 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD | |

8

7

6

5

4

3

2

1

D

C

B

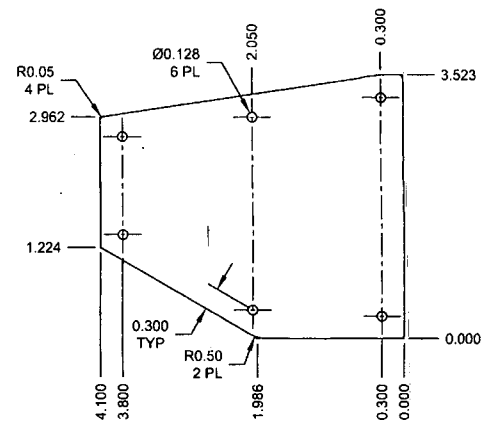
A

D2195-2
BRACKETD2195-1
BRACKETD2195-3
SPACERMS20470AD4-14
RIVET
6 PL**D2195 BRACKET ASSEMBLY**

106029

RELEASED
07/01/15

| | | | |
|------------|----------|---|--------------|
| DESIGN | JB | DART AEROSPACE LTD | |
| DRAWN | AJS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. D |
| MFG. APPR. | | D2195 | SHEET 2 OF 3 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BRACKET | NTS |
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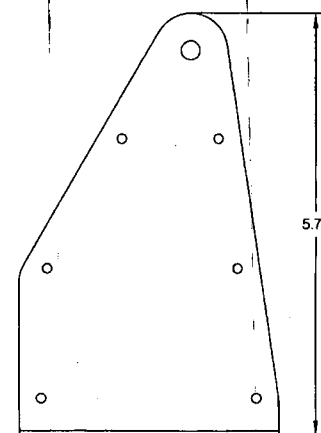


D2195-3 SPACER






Technical drawing of a corner detail. The corner is defined by a vertical line on the left and a horizontal line at the bottom. A fillet with a radius of $R0.06$ is shown at the intersection. A dimension line at the bottom indicates a distance of 2.00 from the vertical line to the start of the fillet.

D2195-1 BRACKET
MAKE FROM D2195-1F



2) FINISH: -3 ONLY: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: SEE ASSEMBLED WEIGHT

RELEASED
09/01/15

| | | | |
|------------|---|---|--------------|
| DESIGN | JB | DART AEROSPACE LTD | |
| DRAWN | AJS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. D |
| MFG. APPR. |  | D2195 | SHEET 3 OF 3 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | BRACKET | NTS |
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